

WHAT IS CLAIMED IS:

1. A communication system capable of outputting data selected by an information processing device on a user side from data to be supplied to an information processing device on a supplier side, comprising:

an output device including data request means for requesting the information processing device on the supplier side to send the data selected by said information processing device on the user side; and

an information processing device on a supplier side including:

determination means for determining a type of the output device in which the request is made by said request means; and

a controller for controlling the transmission of the data to said output device in response to the determination by said determination means;

wherein said output device communicates with said information processing device on the supplier side by connection independent of said information processing device on the user side.

2. The communication system according to Claim 1, wherein said output device includes transmission means for sending, to said information processing device on the supplier, charge information in response to an output of the data selected by said information

processing device on the user side.

3. The communication system according to Claim 2,
wherein said output device including;

5 charge information storage means for storing said
charge information; and

10 deletion means for deleting said charge
information from said charge information storage means
after having sent said charge information to said
information processing device on the supplier side in
case that a power-off operation of said output device
has been detected.

15 4. The communication system according to Claim 1,
wherein said output device including;

data storage means for storing the data received
from said information processing device on the supplier
side that said formation processing device on the user
side has selected;

20 deletion means for deleting said data from said
data storage means in case that the data has been
stored in said storage means for a predetermined time,
or in case that the power-off operation of said output
device has been detected.

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5. The communication system according to Claim 1,
wherein said determination means determines if said

output device is a type of the output device having a predetermined function.

6. The communication system according to Claim 1,
5 further comprising:

an information processing device on a manager side including management means for registering and managing said output device;

wherein said determination means determines if
10 said output device has been registered by said management means.

7. The communication system according to Claim 6,
wherein said information processing device on the
15 manager side is included in said information processing device on the supplier side.

8. The communication system according to Claim 1,
wherein said determination means determines the type of
20 the device connected to said information processing device on the supplier side, and said controller sends information for causing the data to supplied to be selected if it is determined that said connected device is the information processing device and sends to said
25 output device the data designated by said information processing device on the user side if it is determined that said connected device is the type of the output

device having a predetermined function.

9. An information processing device on a supplier side that supplies the data, comprising:

5 determination means for determining the type of the device that requests the transmission of the data selected by the information processing device on the user side on based on product data including information on the data selected by the information
10 processing device on the user side; and

a controller for controlling the transmission of the data to said output device in response to the determination by said determination means;

15 wherein said output device communicates with said information processing device on the supplier side by the connection independent of said information processing device on the user side.

10. The information processing device on the
20 supplier side according to Claim 9, wherein said determination means determines the type of the device connected to said information processing device on the supplier side, and said controller sends information for causing the data to be supplied to be selected if
25 it is determined that said connected device is the information processing device and sends to said output device the data designated by said information

processing device on the user side if it is determined that said connected device is the type of the output device having a predetermined function.

5 11. An output device capable of communicating with an information processing device on a supplier side that supplies data and an information processing device on a user side that selects said supplied data, comprising:

10 reception means for receiving product data including information on the data selected by said information processing device on the user side;

 connection means for connecting to said information processing device on the supplier side
15 independent of said information processing device on the user side;

 data request means for notifying an identifier indicating the type of said output device via the connection by said connection means and for
20 simultaneously requesting said information processing device on the supplier side to send the data based on said received product data; and

 output means for outputting the data sent from said information processing device on the supplier side in
25 response to a result of having determined said identifier notified from said data request means.

12. The output device according to Claim 11,
further comprising:

charge information transmission means for sending
to said information processing device on the supplier
5 side the charge information that has responded to the
output of the data by said output means via the
connection by said connection means.

13. The output device according to Claim 10,
10 further comprising:

charge information storage means for storing said
charge information; and

deletion means for deleting said charge
information from said charge information storage means
15 after said transmission has been executed by said
charge information storage means, in case that the
power-off operation has been detected.

14. The output device according to Claim 11,
20 further comprising:

data storage means for storing the data received
from said information processing device on the supplier
side; and

deletion means for deleting said data from said
25 data storage means in case that the data has been
stored in said storage means for a predetermined time,
or in case that the power-off operation of said output

device has been detected.

15. A communication system including an
information processing device on a supplier side that
5 supplies data, an information processing device on a
user side capable of selecting said data to be supplied
and an output device capable of outputting said
selected data, comprising:

an information processing device on a user side
10 including instruction means for instructing said output
device to output the data selected from the data that
said information processing device on the supplier side
supplies;

connection means for connecting to said
15 information processing device on the supplier side
independent of said information processing device on
the user side;

reception means for receiving the data instructed
by said instruction means from said information
20 processing device on the supplier side via the
connection by said connection means; and

transmission means for sending to said information
processing device on the supplier side charge via the
connection by said connection means information that
25 responded to the output of the data received from said
reception means.

16. The communication system according to Claim 15, wherein said output device includes:

charge information storage means for storing said charge information; and

5 deletion means for deleting said charge information from said charge information storage means after said charge information has been sent to said information processing device on the supplier side, in case that the power-off operation has been detected.

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17. The communication system according to Claim 15, wherein said output device includes:

15 data storage means for storing the data received from said information processing device on the supplier side that said information processing device on the user side has selected; and

20 deletion means for deleting said data from said data storage means in case that the data has been stored in said storage means for a predetermined time, or in case that the power-off operation of said output device has been detected.

18. The communication system according to Claim 15, wherein the information processing device on the 25 supplier side includes:

determination means for determining the connected device; and

a controller for controlling so as to send information for causing the data to be supplied to be selected if it is determined by said determination means that the connected device is the information processing device and to send to said output device the data selected by said information processing device on the user side if it is determined that said device is the output device.

10 19. The communication system according to Claim 18, wherein said determination means determines if said device is the type of the output device having a predetermined function, in case that said device is the output device.

15 20. The communication system according to Claim 15, further comprising:

an information processing device on a manager side including management means for registering and managing said output device;

20 wherein said information processing device on the supplier side includes:

determination means for determining the connected device;

25 a controller for controlling so as to send the data for causing the data to be supplied to be selected if it is determined by said determination means that

the device connected to said information processing
device on the supplier side is the information
processing device and to send to said output device the
data selected by said device on the user side if it is
5 determined that said device is the device registered by
said management means.

21. The communication system according to Claim
20, wherein said information processing device on the
10 manager side is included in said information processing
device on the supplier side.

22. An output device capable of communicating
with an information processing device on a supplier
15 side that supplies data and an information processing
device on a user side that selects said supplied data,
comprising:

connection means for connecting to said
information processing device on the supplier side
20 independent of said information processing device on
the user side;

reception means for receiving the data selected by
said information processing device on the user side
from said information processing device on the supplier
25 side via the connection by said connection means; and

transmission means for sending to said information
processing device on the supplier side the charge

information that has responded to the output of the data received from said reception means.

23. The output device according to Claim 22,
5 further comprising:

charge information storage means for storing said charge information; and

10 deletion means for deleting said charge information from said charge information storage means after said transmission has been executed by said charge information transmission means, in case that the power-off operation of said output device has been detected.

15 24. The output device according to Claim 22, further comprising:

data storage means for storing the data received from said information processing device on the supplier side; and

20 deletion means for deleting said data from said data storage means in case that the data has been stored in said data storage means for a predetermined time, or in case that the power-off operation of said output device has been detected.

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25. A control method for controlling an information processing device on a supplier side that

supplies data, comprising:

5 a determination step for determining a type of a
output device requesting the transmission of the data
selected by said information processing device on the
user side based on the product data including
information on the data selected by said information
processing device on the user side; and

10 a control step for controlling the transmission of
the data to said output device in response to the
determination in said determination step;

wherein said output device communicates with said
information processing device on the supplier side by
the connection independent of said information
processing device on the user side.

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26. A control method for controlling a output
device capable of communicating with an information
processing device on a supplier side that supplies data
and an information processing device on a user side
20 that selects said supplied data, comprising:

a reception step for receiving the product data
including information on the data selected by said
information processing device on the user side;

25 a connection step for connecting to said
information processing device on the supplier side
independent of said information processing device on
the user side;

a data request step for notifying the identifier
indicating the type of said output device via the
connection in said connection step and for
simultaneously requesting said information processing
5 device on the supplier side to send the data based on
said received product data; and
an output step for outputting the data sent from said
information processing device on the supplier side in
response to a result of having determined said
10 identifier notified in said data request step.

27. A control method for controlling a output
device capable of communicating with an information
processing device on a supplier side that supplies data
15 and an information processing device on a user side
that selects said supplied data, comprising:

a connection step for connecting to said
information processing device on the supplier side
independent of said information processing device on
20 the user side;

a reception step for receiving the data selected
by said device on the user side from said information
processing device on the supplier side via the
connection in said connection step; and

25 a transmission step for sending to said
information processing device on the supplier side a
charge information that has responded to the output of

the data received in said reception step.

28. A storage medium that has stored a program
for controlling the information processing device on
5 the supplier side that supplies data, said program
comprising:

10 a determination step for determining the type of
the output device requesting the transmission of the
data selected by said information processing device on
the user side based on the product data including
information on the data selected by said information
processing device on the user side; and

15 a control step for controlling the transmission of
the data to said output device in response to the
determination in said determination step;

20 wherein said output device communicates with said
information processing device on the supplier side by
the connection independent of said information
processing device on the user side.

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29. A storage medium that has stored a program
for controlling the output device capable of
communicating with the information processing device on
the supplier side that supplies the data and the
25 information processing device on the user side that
selects said supplied data, said program comprising:

a reception step for receiving the product data

including information on the data selected by said
information processing device on the user side from
said information processing device on the user side;

5 a connection step for connecting to said
information processing device on the supplier side
independent of said information processing device on
the user side;

10 a data request step for notifying the identifier
indicating the type of said output device via the
connection in said connection step and for
simultaneously requesting said information processing
device on the supplier side to send the data based on
said received product data; and
15 an output step for outputting the data sent from said
information processing device on the supplier side in
response to a result of having determined said
identifier notified in said data request step.

20 30. A storage medium that has stored a program
for controlling the output device capable of
communicating with the information processing device on
the supplier side that supplies the data and the
information processing device on the user side that
selects said supplied data, said program comprising:

25 a connection step for connecting to said
information processing device on the supplier side
independent of said information processing device on

a reception step for receiving the data selected by said information processing device on the user side from said information processing device on the user side via the connection in the said connection step;

transmission means for sending to said information
processing device on the supplier side the charge
information that has responded to the output of the
data received from said reception means via the
10 connection in said connection step.